

FIG. 1

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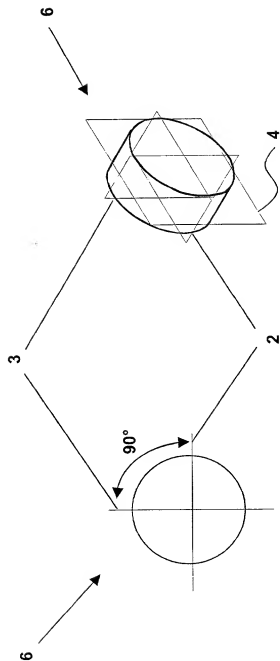


FIG. 2

104201-6562E001

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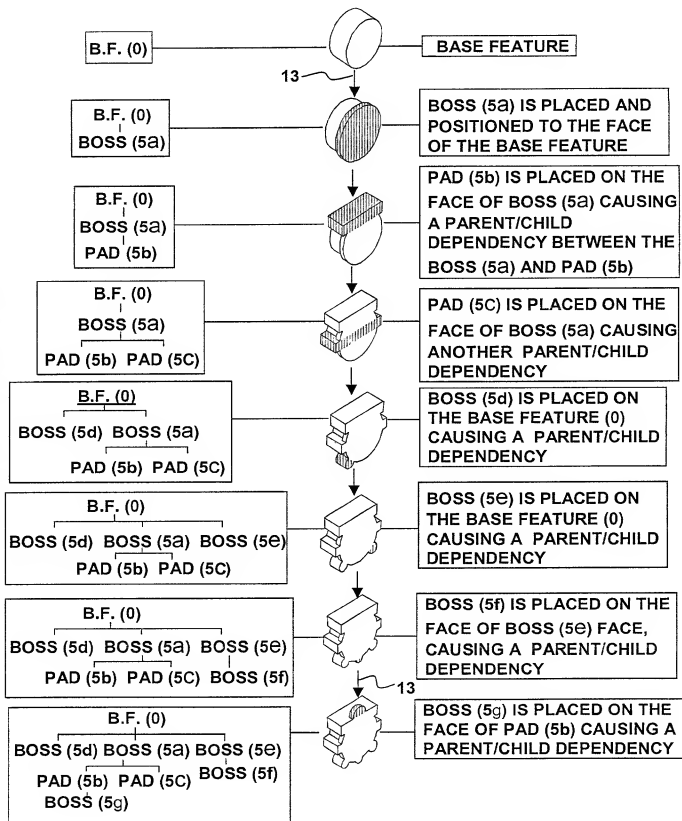


FIG. 3

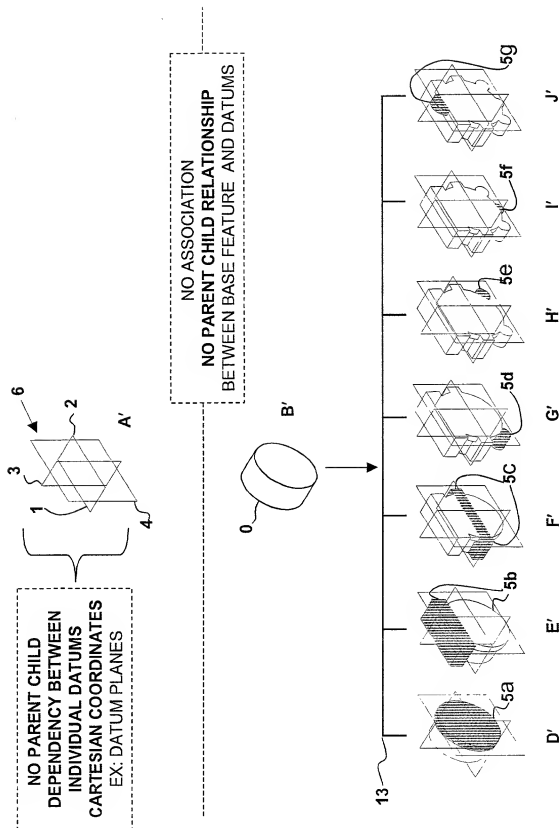
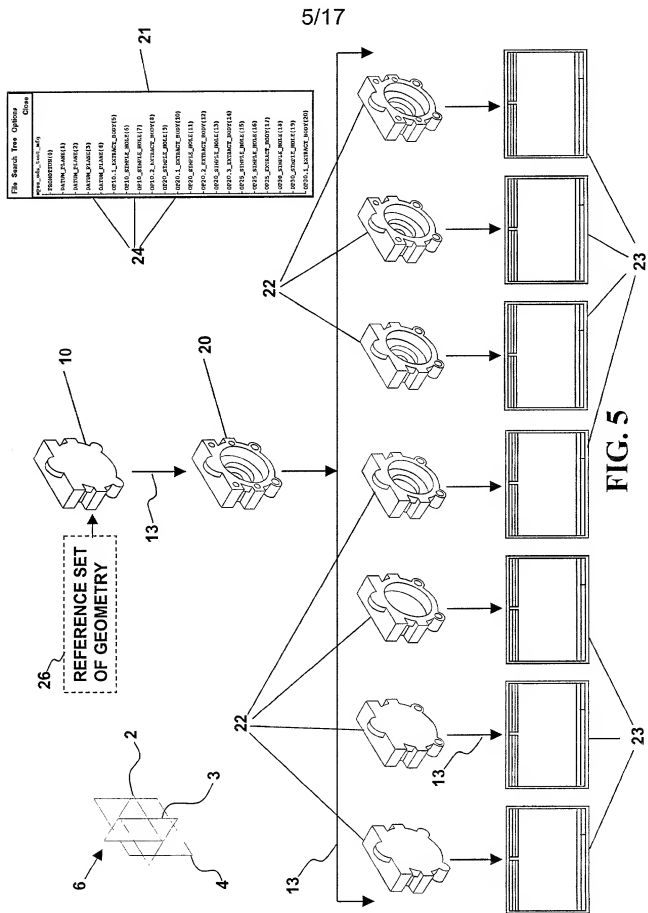
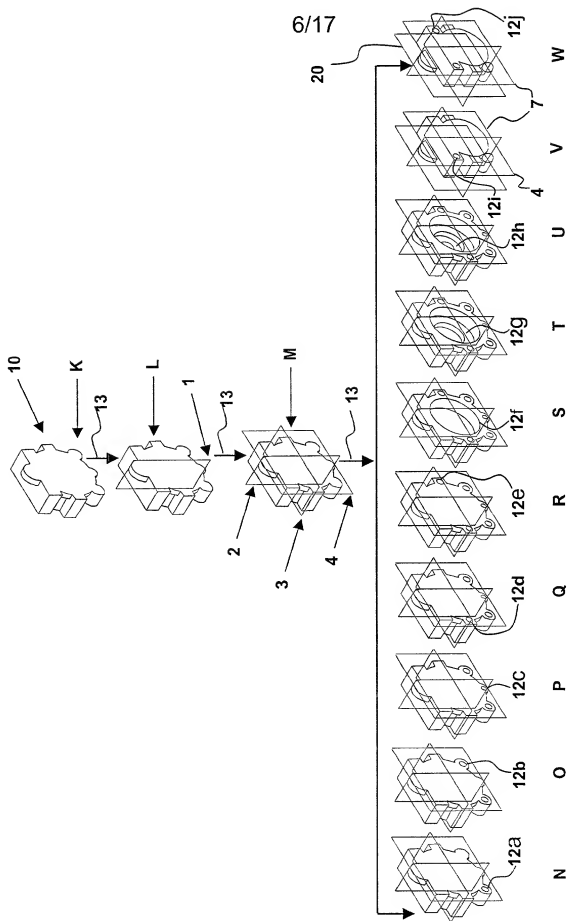


FIG. 4



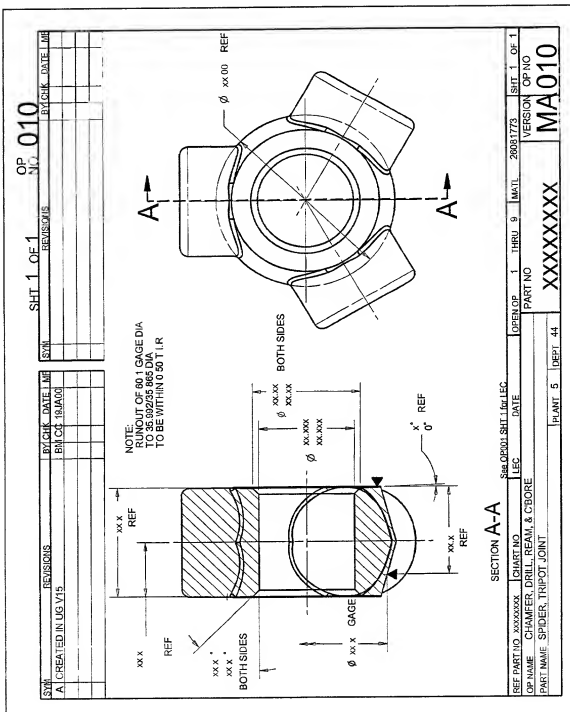


**FIG. 6**

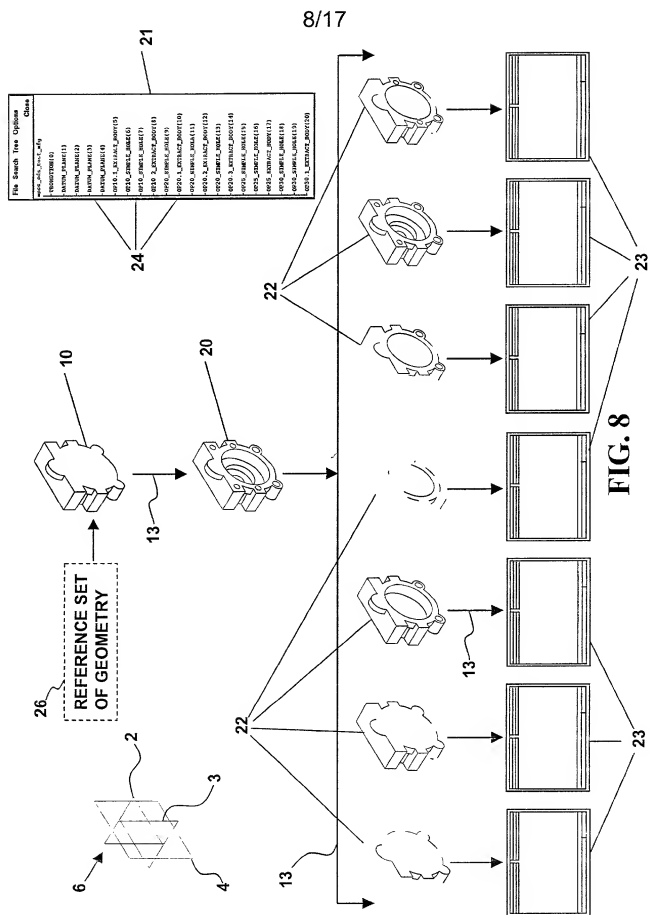
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**FIG. 7**





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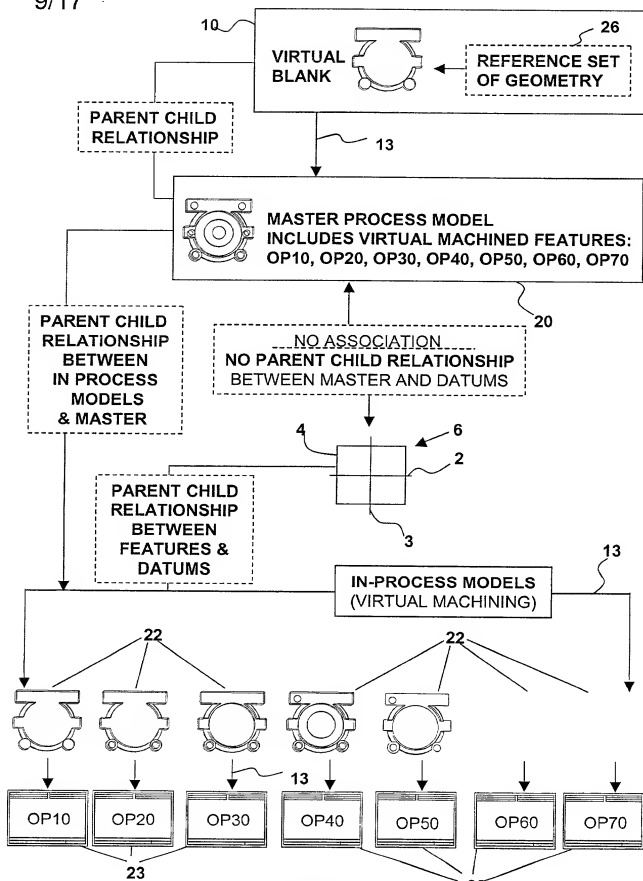


FIG. 9

10032959-10401

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10

VIRTUAL BLANK

REFERENCE SET OF GEOMETRY

26

REPLACEABLE FILE

PARENT CHILD RELATIONSHIP (WAVE LINK)

LINK/UNLINK

13

MASTER PROCESS MODEL

EX: WAVE LINKED

INCLUDES VIRTUAL MACHINED FEATURES: OP10, OP20, OP30, OP40, OP50, OP60, OP70

20

NO ASSOCIATION

NO PARENT CHILD RELATIONSHIP BETWEEN MASTER AND DATUMS

4

6

2

3

PARENT CHILD RELATIONSHIP BETWEEN IN PROCESS MODELS & MASTER

PARENT CHILD RELATIONSHIP BETWEEN FEATURES & DATUMS

IN-PROCESS MODELS (VIRTUAL MACHINING)

13

22

OP10

OP20

OP30

OP40

OP50

OP60

OP70

23

FIG. 10

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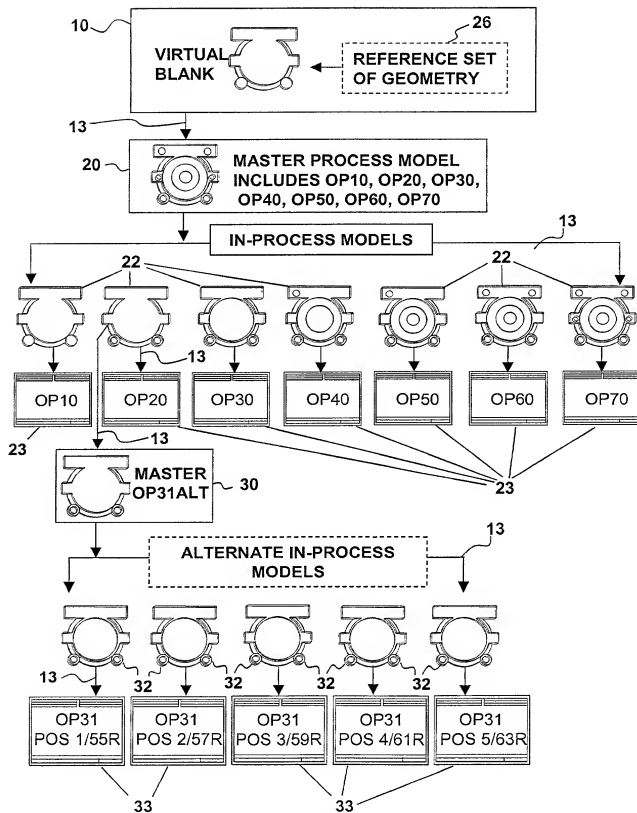


FIG. 11

1003299-10401

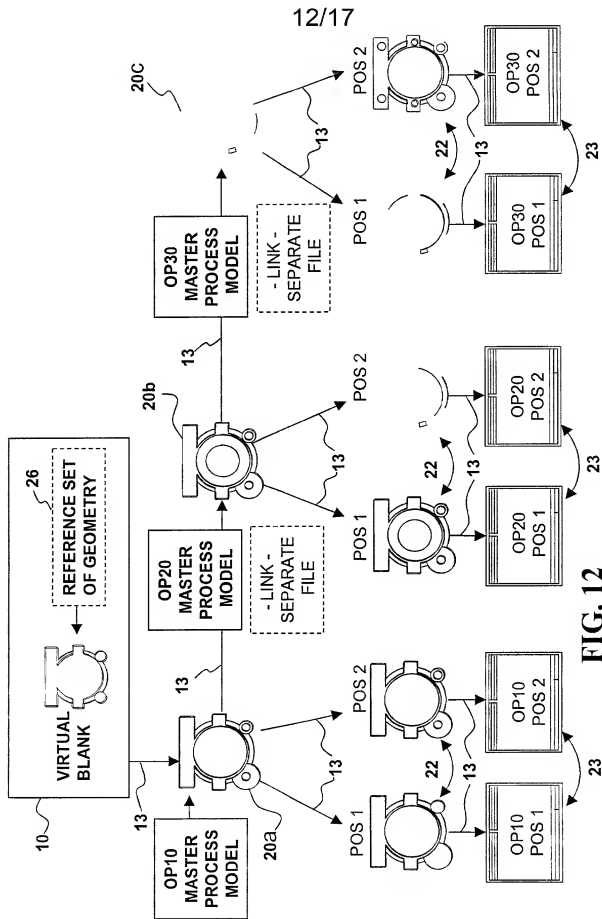


FIG. 12

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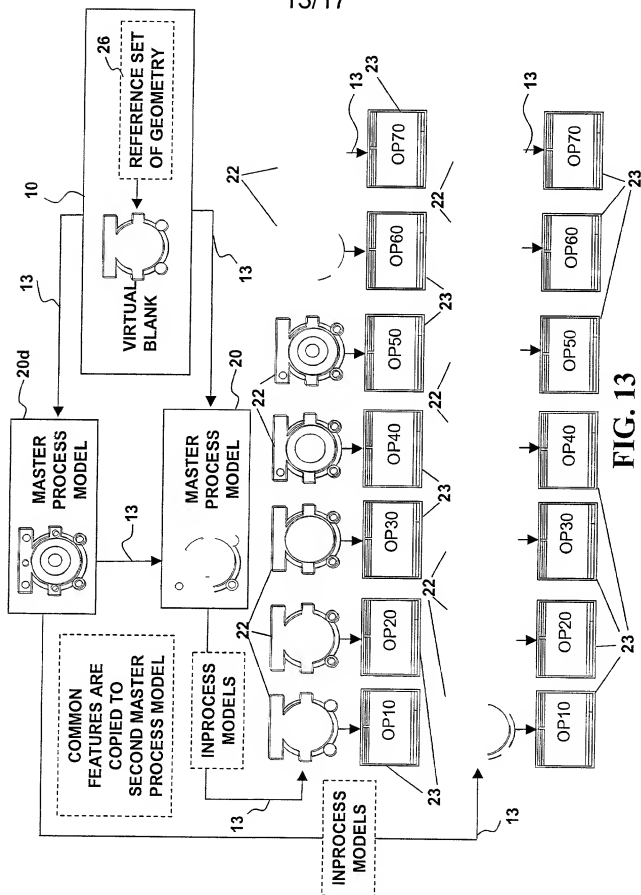


FIG. 13

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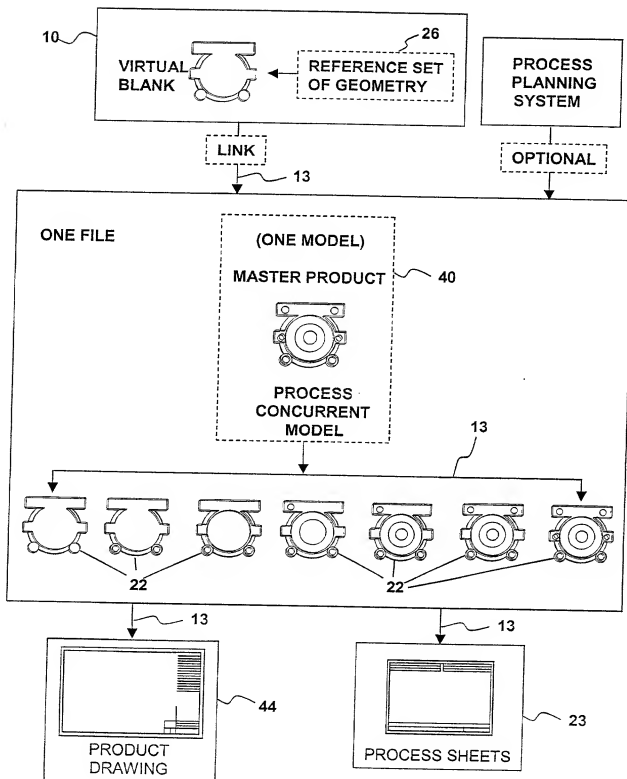


FIG. 14

1002959-10401

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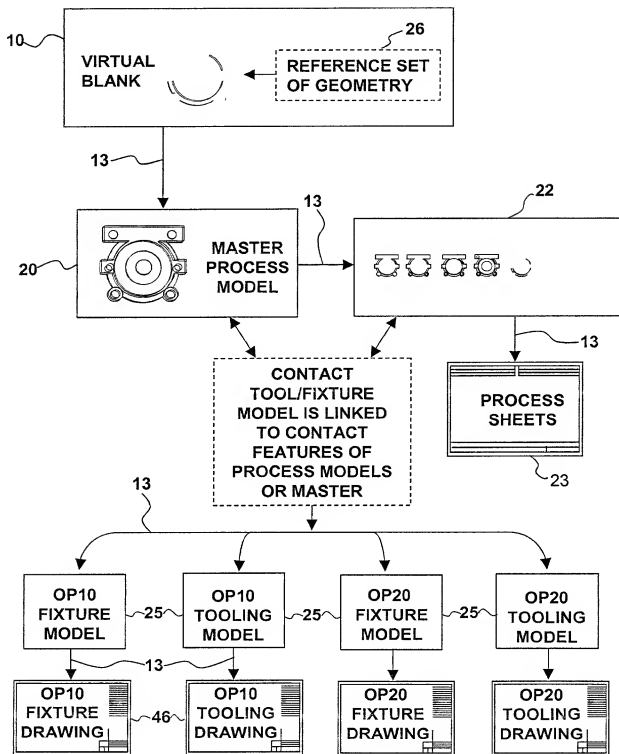


FIG. 15

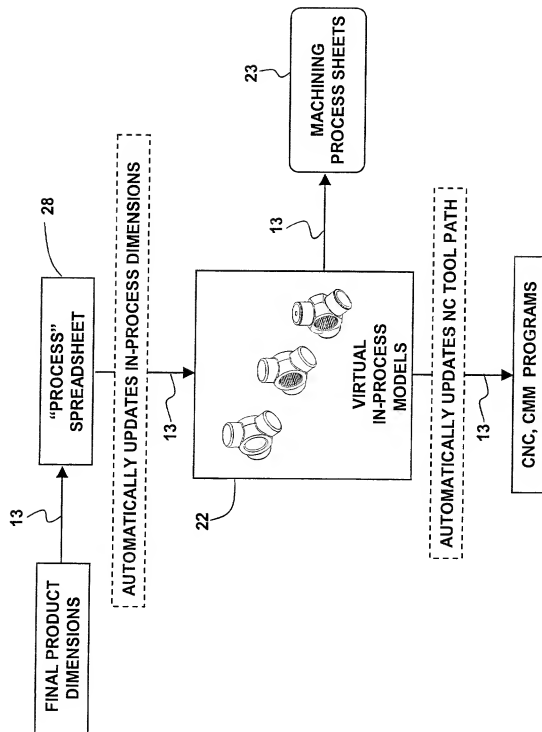
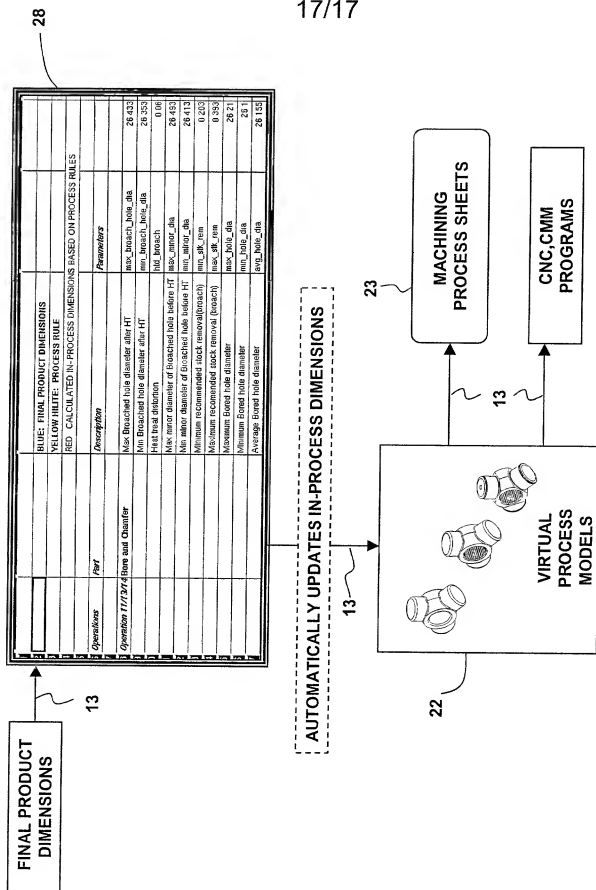


FIG. 16





**FIG. 17**